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Group Art Unit:
2872 Examiner:
Examiner.

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

<u>X</u>	under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
	under 37 CFR 1.97(c) together with either a: Statement under 37 CFR 1.97(e), or a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
_	under 37 CFR 1.97(d) together with a: Statement under 37 CFR 1.97(e), and a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO/SB/08A and PTO/SB/08B Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The items listed on PTO/SB/08A and PTO/SB/08B are either in the English language or an English translation is provided, therefore, no further explanation is required, with the exception of the following non-English reference. A concise explanation, as presently understood, is as follows:

SU 1282051 A1 appears to be related to a luminous energy collimator having a paraboloid axis inclined at angle towards symmetry axis.

ES 2142752 appears to describe an axisymmetrical aspherical lens for coupling four normal congruencies of rays, two by two. It is composed by two focusing asphericals without revolution symmetry that transform two normal congruencies of rays.

Applicant submits that the above references taken alone or in combination neither anticipates nor renders obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application

Respectfully submitted,

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Date of Deposit: OCF

Typed Name: Julie A. Hopper

Signature

Julie A. Hopper

BAGGETT

Attorney/Agent for Applicant(s)

SINSHEIMER, SCHIEBELHUT &

Reg. No. 50869

Telephone No.: (805) 781-2824

PTO/SB/08a (08-03)

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Complete if Known Substitute for form 1449A/PTO 10/816,228 **Application Number** INFORMATION DISCLOSURE 3/31/2004 Filing Date First Named Inventor STATEMENT BY APPLICANT Chaves et al. Art Unit 2872 (Use as many sheets as necessary) **Examiner Name** Sheet of Attorney Docket Number 3084.028

U.S. PATENT DOCUMENTS					
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number - Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		ussn 10/461,557	06-12-2003	Minano	1
		ussn 10/772,088	02-03-2004	Minano	
		ussn 10/779,259	02-13-2004	Benitez	
		ussn 10/903,925	07-29-2004	Falicoff	
		USSN 10/901,919	07-28-2004	Benitez	
		ussn 10/880,386	06-28-2004	Benitez	

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		SU 1282051 A1	01/07/1987	Spigulis		
		EP 0 450 560 A2	10/09/1991	Totah, et al		
		ES 2142752	12/01/2000	Universidad Politecnica de Madrid		
		WO 99/09349	02/25/1999	De Coma International Inc.		
	1	WO 99/13266	03/18/1999	Simon		
***************************************		WO 01/07828 A1	02/01/2001	Pelka		
***************************************	1	WO 03/066374 A2	08/14/2003	Steen, et al		
	·	WO 03/066374 A3	08/14/2003	Steen		
	·	WO 04/007241 A2	01/22/2004	Steen, et al		

Examiner	Date ·	
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Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO			Complete if Known			
				Application Number	10/816,228	
INFORMATION DISCLOSURE			IRF	Filing Date	3/31/2004	
	STATEMENT BY APPLICANT			First Named Inventor	Chaves et al.	
STATEMENT OF APPLICANT		Art Unit	2872			
	(Use as many sheets as nec	essary)		Examiner Name	,	
Sheet	2	of	2	Attorney Docket Number	3084.028	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Remillard, Everson and Weber, "Loss Mechanisms Optical Light Pipes" Applied Optics Vol 31 #34 pp. 7232-7241 December 1992.	
		Parkyn et al "The Black Hole TM : Cuspated waveguide-injectors and illuminators for LEDs; Part of the SPIE Conference on Nonimaging Optics: Maximum Efficiency Light Transfer V, Denver, CO, July 1999.	
		Hyper ARGUS®LED, Hyper-Bright, 3mm (T1) LED, Non Diffused; 3-1-2000; Infineon Technologies, pp. 1-9.	
		Spigulis, "Compact dielectric reflective elements, Half-sphere concentrators of radially emitted light" Applied Optics Vol. 33, No. 25, September 1994.	
		International Search Report, PCT/US03/32076	
		Benítez, P. "Chapter 6: The SMS design method in three dimensions", from Conceptos avanzados de óptica anidólica: diseño y fabricación, PhD dissertation, UPM, (1998).	
		Benitez, P.; Mohedano, R.; Minano, J. "Design in 3D geometry with the Simultaneous Multiple Surface design method of Nonimaging Optics" Instituto de Engergia Solar, E.T.S.I. Telecommunicacion, Universidad Politecnica, 28040. Madrid, Spain. (July 1999).	
		International Search Report. PCT/US03/38240, July 26, 2004.	

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Examiner	Date
Signature	Considered

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Individual name
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Date

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Julie A. Hopper

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Julie & Span

SINSHEIMER, SCHIEBELHUT & BAGGETT Julie A. Hopper (Reg. No. 50869)

Oct 25 2004

Date

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